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CONTAINER WITH TRIANGULAR CORNER POSTS

Related Applications

This application is a Continuation of prior Application No. 10/155,468, filed May 23, 2002, which is a reissue patent application of U.S. Patent No. US 6,296,178, 5 priority from the filing date of which is hereby claimed under 35 U.S.C. § 120. Prior Application No. 10/155,468 is hereby incorporated by reference.

Field of the Invention

10 The present invention relates to corrugated paperboard containers, and more particularly, to single-piece container blanks capable of forming triangular reinforcing columns within the container's interior as assembled.

Background of the Invention

Containers used to package perishable items, such as fruits and vegetables, must meet a variety of requirements. One important requirement is that the container 15 be strong enough to contain the product from the time it is packed until the time it is unpacked. It is also important that the container have sufficient stacking strength so that several containers may be stacked vertically during shipment. Another desirable feature for efficient transportation is to have stacking tabs protruding from one container and insertable into an opening of adjacent container to prevent sway and 20 possible destacking. See for example, U.S. Patent No. 3,940,053.

One known method of gaining additional container strength is to use some type of triangular corner post within the container. See for example, U.S. Patent No. 5,535,941. Typically, such arrangements have complicated blanks, are difficult to form, or require excessive gluing in order to maintain their shape. These can all be